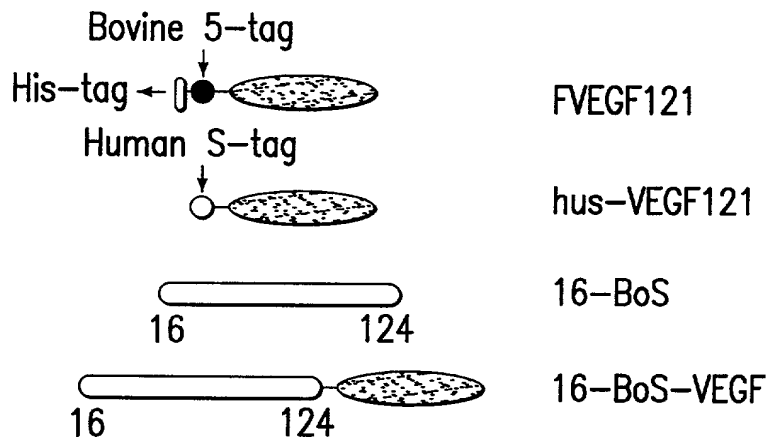


FIG. 1B



Bovine and Human Mutant S-proteins

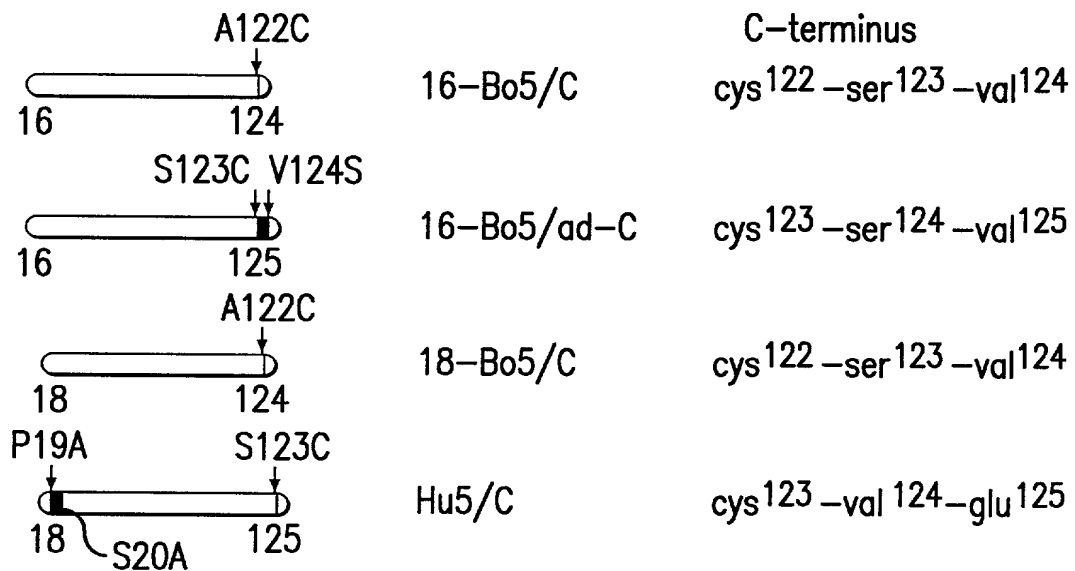


FIG.2

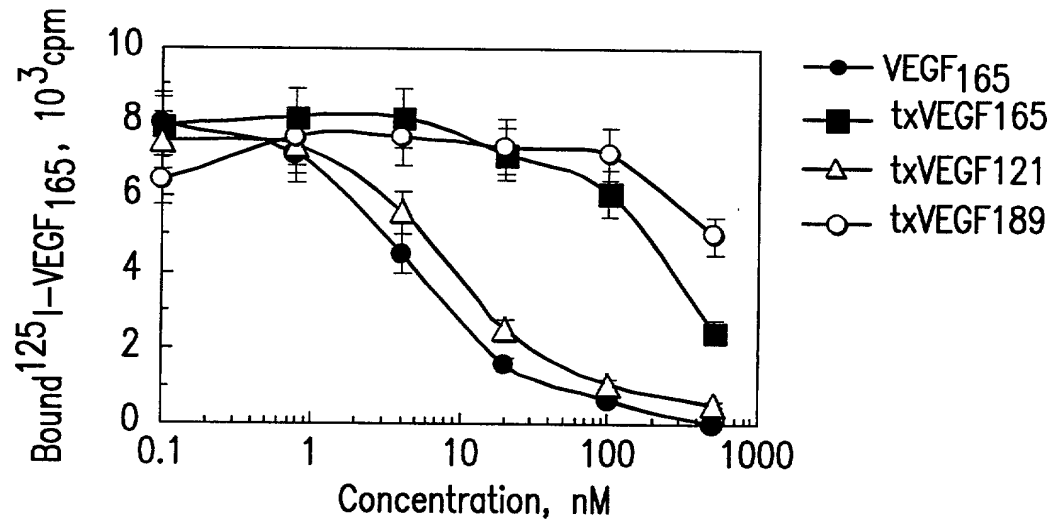


FIG.3A

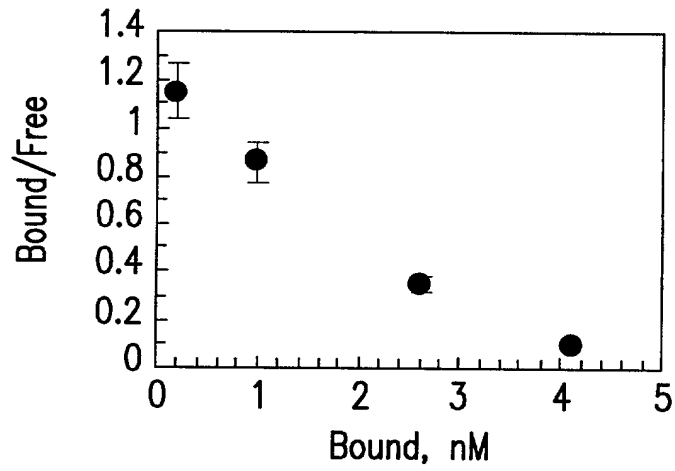


FIG.3B

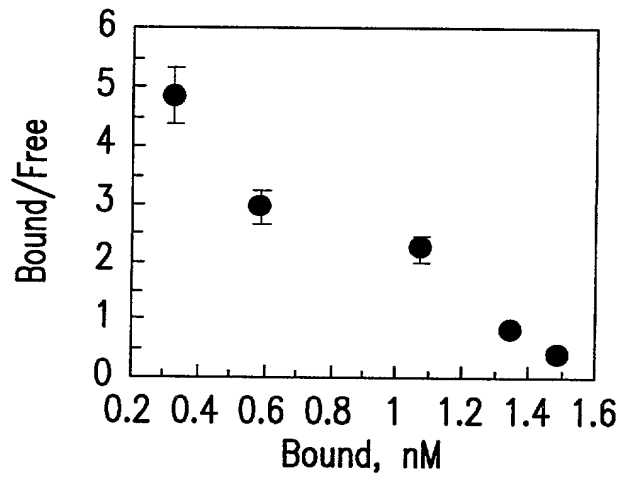


FIG.3C



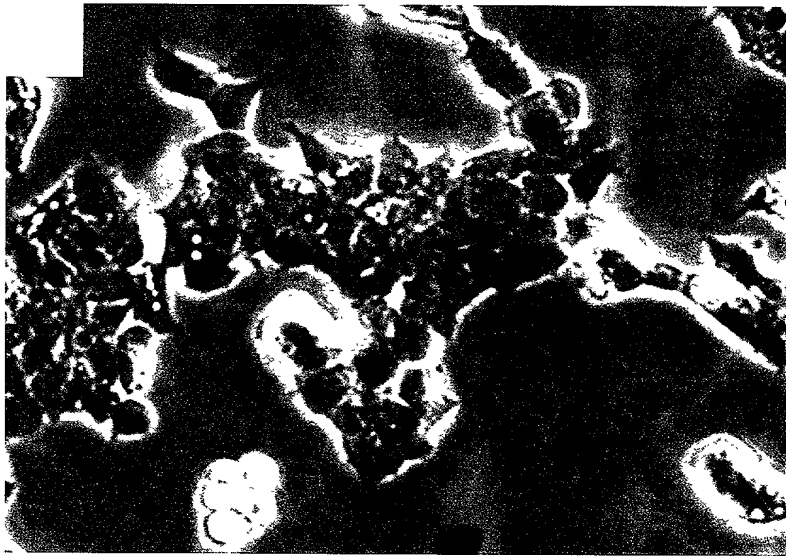


FIG.5A

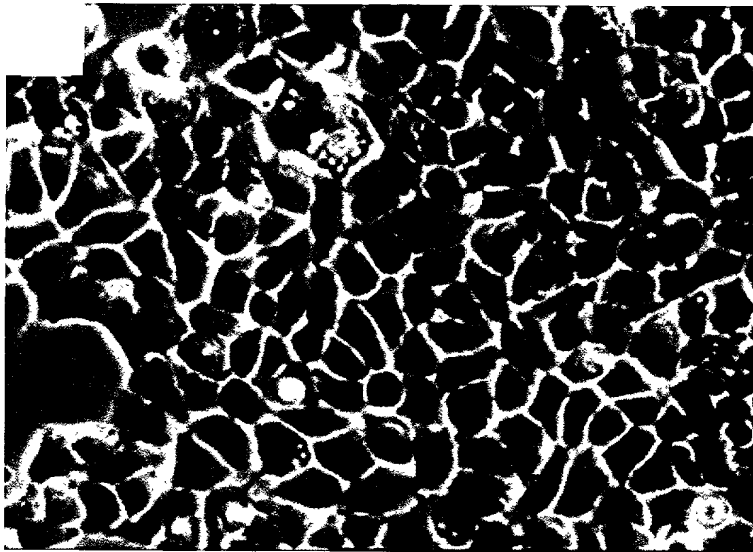


FIG.5B

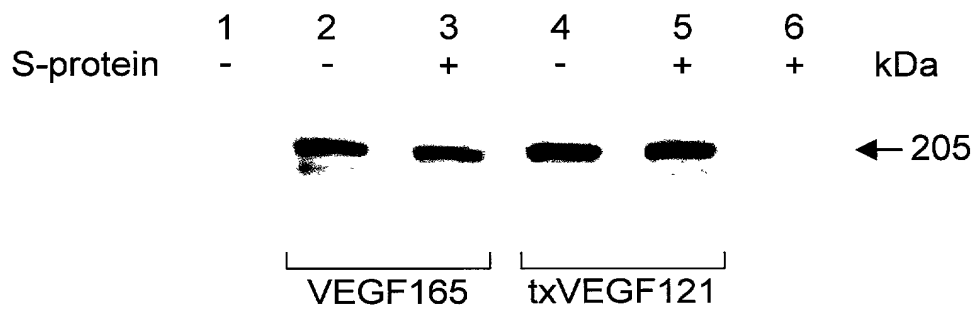


FIG.6

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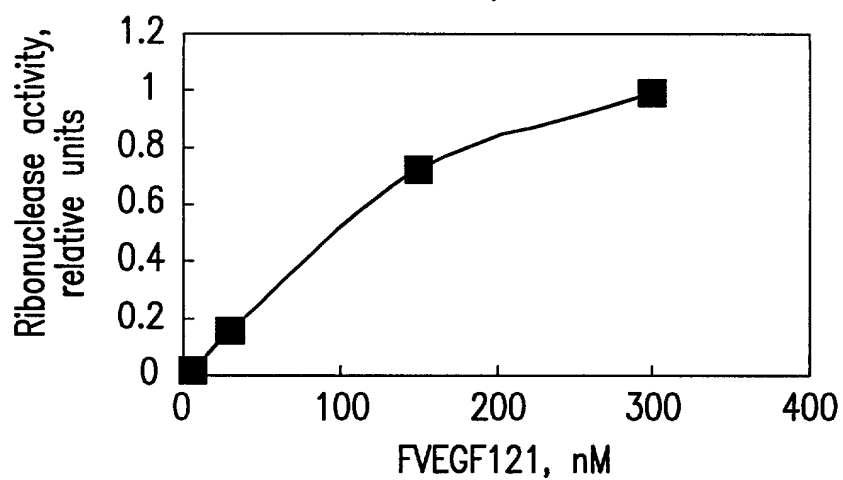


FIG.7A

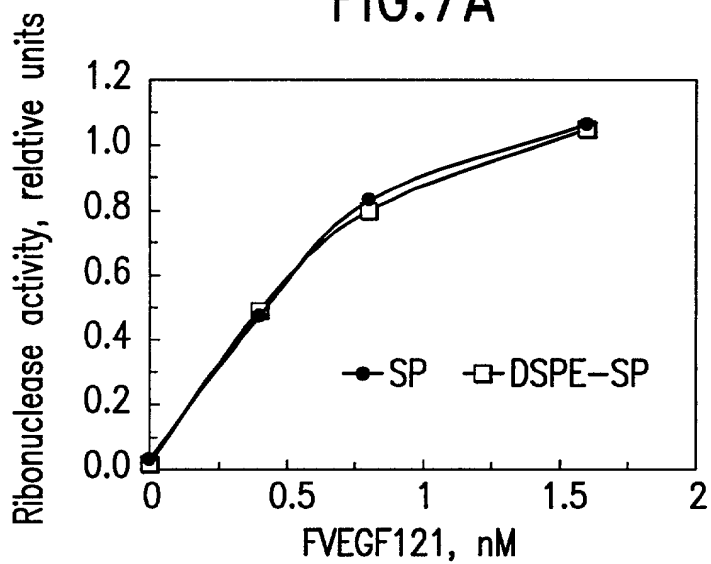


FIG.7B

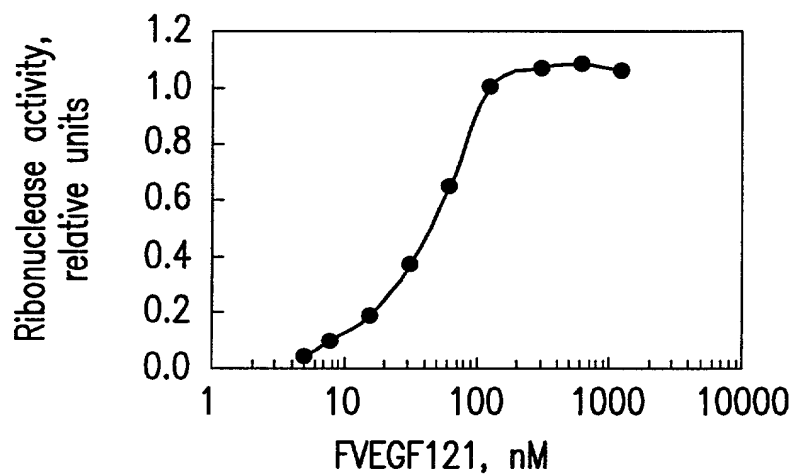


FIG.7C

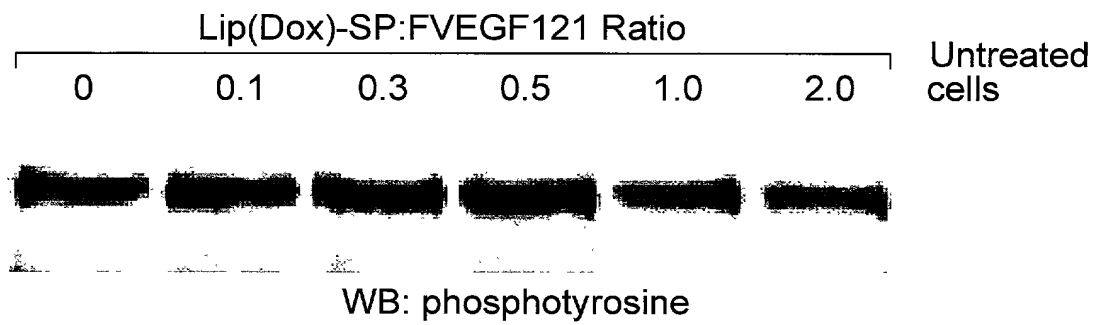


FIG.8A

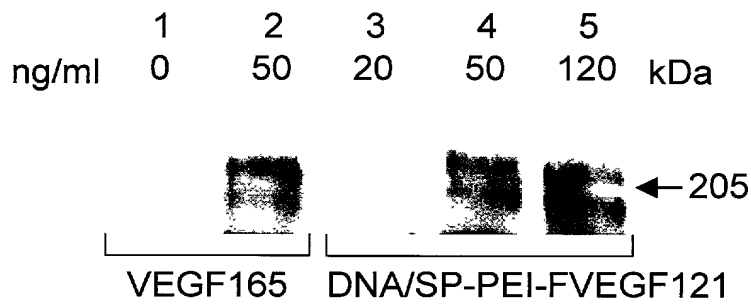


FIG.8B

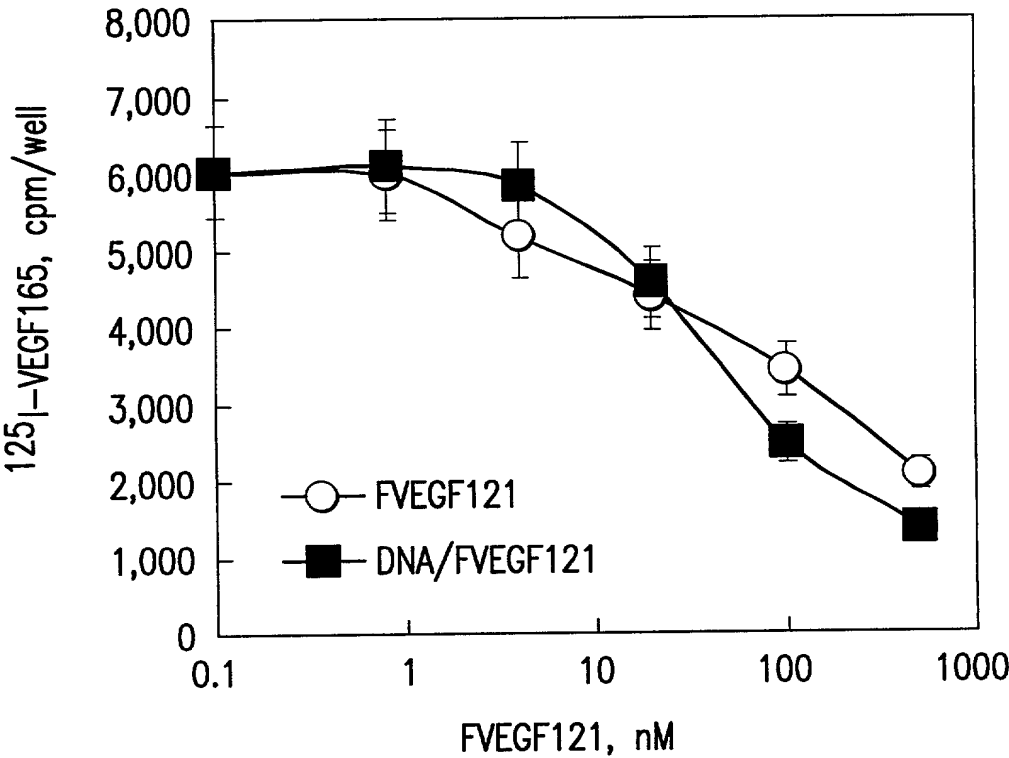


FIG. 8C

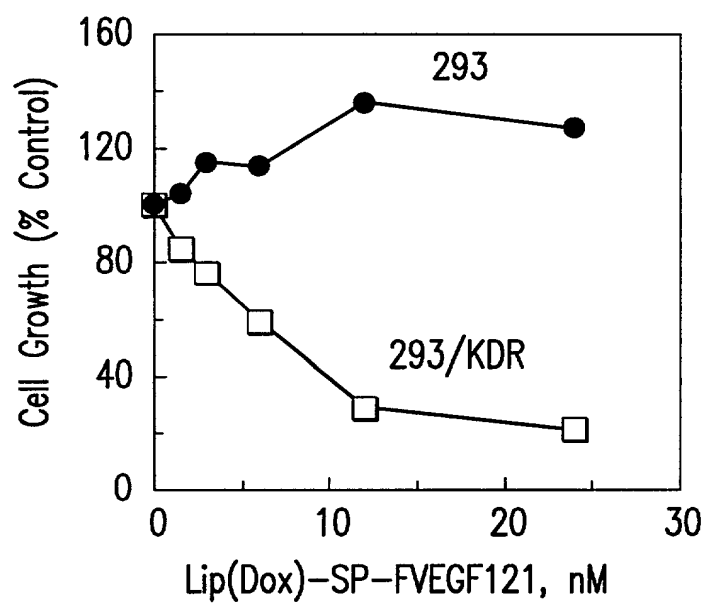


FIG.9A

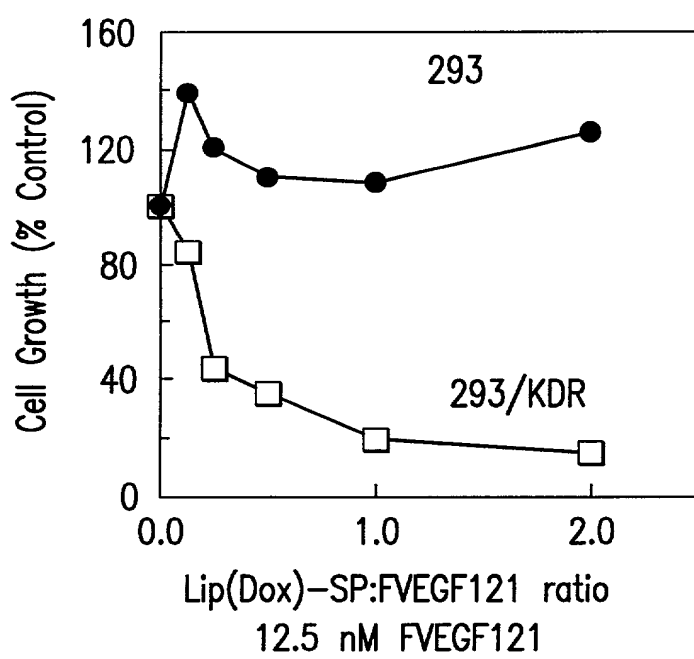


FIG.9B

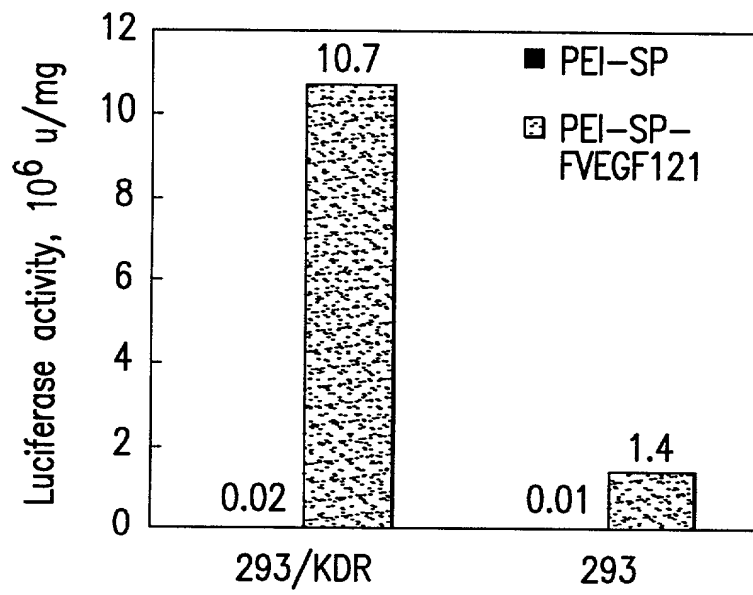


FIG.10A

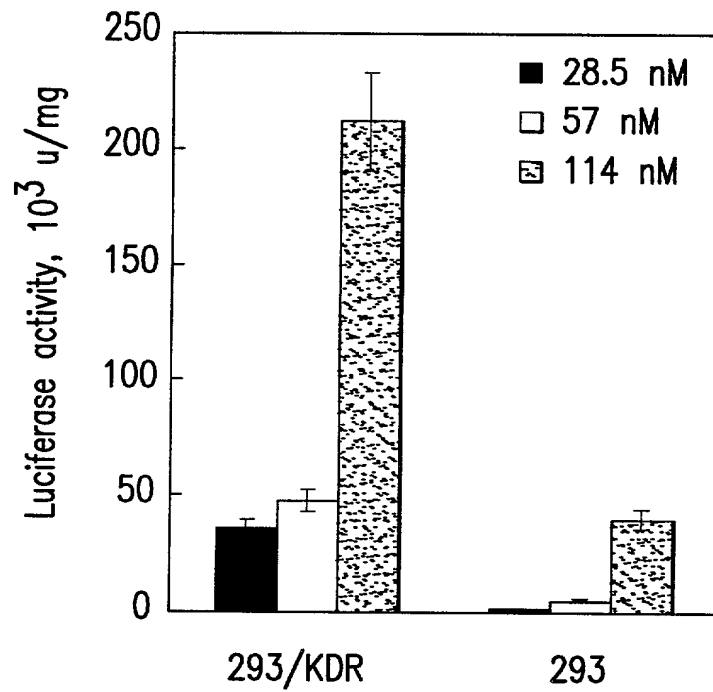


FIG.10B

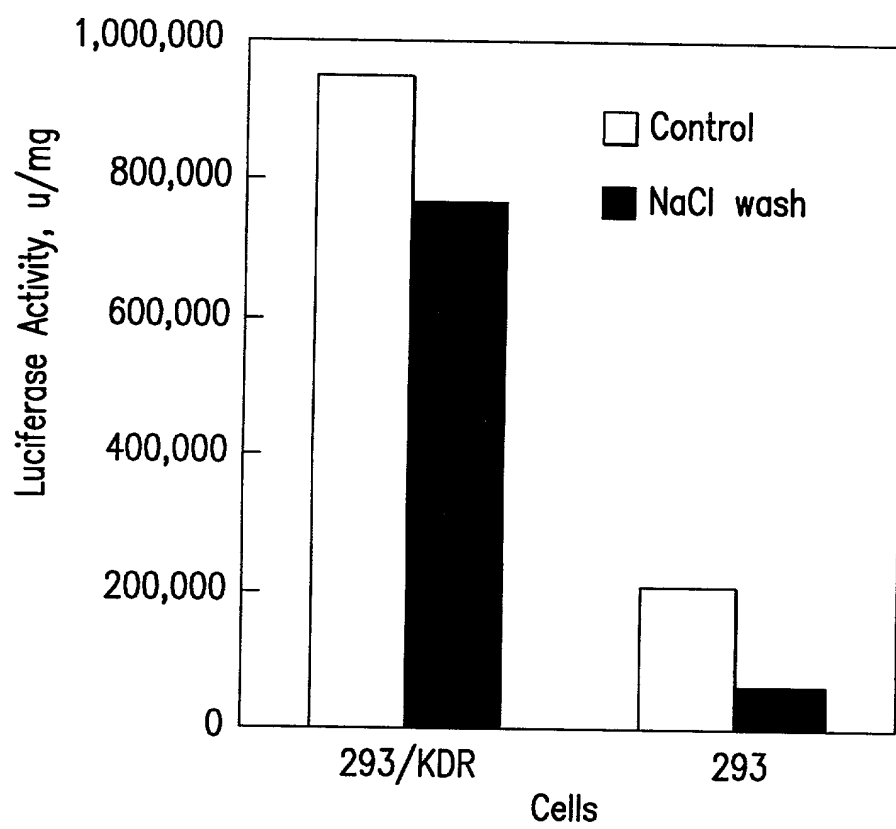


FIG. 11